

Amendments to the Abstract:

Please replace the abstract with the following paragraph:

A method and apparatus for detecting paths of a received signal by analyzing a delay power profile of the received signal comprises a detection of peaks in the delay power profile by a peak detector having a threshold that is set based upon the noise environment. Peaks detected by the peak detector are passed to a data path detector having second threshold set at a power level higher than the threshold in the peak detector. In one embodiment, a third threshold is set within a filter to suppress secondary maxima created by the generation of the delay power profile. The detected paths may set in a rake type receiver.